

Title (en)

TOOL FOR RECORDING NUMBER OF HITS IN BALL GAME

Title (de)

WERKZEUG ZUR AUFZEICHNUNG DER ANZAHL TREFFER IN EINEM BALLSPIEL

Title (fr)

OUTIL POUR ENREGISTRER LE NOMBRE DE FRAPPES DANS UN JEU DE BALLE

Publication

**EP 3388118 A1 20181017 (EN)**

Application

**EP 16872661 A 20160902**

Priority

- JP 2015241908 A 20151211
- JP 2016075835 W 20160902

Abstract (en)

This tool for recording the number of swings in a ball game comprises a plurality of holed beads 20 and a cord 30 that is passed through the holes 20H of the beads 20 and that holds the beads 20 so that the beads 20 can slide, the cord 30 is formed from a cord material that does not stretch in an axial direction but that stretches in a diametrical direction and that is normally urged in a diameter-expanding direction, and the cord 30 constrict in diameter so as to elastically interlock with the walls of the holes 20H of the beads 20 and hold the beads 20 in position, whereby the beads do not shift even if a player strongly shakes the tool, the number of swings in the ball game can be reliably recorded and confirmed, and the tool is easily assembled.

IPC 8 full level

**A63B 71/06** (2006.01); **A63B 71/14** (2006.01)

CPC (source: EP KR US)

**A63B 57/00** (2013.01 - EP KR US); **A63B 71/06** (2013.01 - US); **A63B 71/0672** (2013.01 - EP KR US); **G06C 1/00** (2013.01 - EP US); **G06M 1/22** (2013.01 - EP US); **G09B 1/14** (2013.01 - EP US); **A44C 23/00** (2013.01 - EP US); **A63B 57/20** (2015.10 - EP US); **A63B 71/146** (2013.01 - EP US); **A63B 2071/0602** (2013.01 - EP US); **A63B 2071/0661** (2013.01 - EP US); **A63B 2071/0663** (2013.01 - EP US); **A63B 2071/0694** (2013.01 - US); **A63B 2102/02** (2015.10 - EP US); **A63B 2102/32** (2015.10 - EP KR US); **A63B 2209/00** (2013.01 - KR); **A63B 2220/17** (2013.01 - EP US); **A63F 2011/0069** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3388118 A1 20181017**; **EP 3388118 A4 20190710**; **EP 3388118 B1 20200826**; AU 2016367876 A1 20180621; AU 2016367876 B2 20220113; BR 112018009484 A2 20181106; BR 112018009484 A8 20220628; BR 112018009484 B1 20221004; CA 3006489 A1 20170615; CA 3006489 C 20231107; CN 108367191 A 20180803; CN 108367191 B 20210112; JP 6276482 B2 20180207; JP WO2017098761 A1 20171207; KR 102638816 B1 20240220; KR 20180095558 A 20180827; MX 2018007021 A 20181109; MY 190798 A 20220512; TW 201720494 A 20170616; TW I709426 B 20201111; US 11173371 B2 20211116; US 2018264343 A1 20180920; WO 2017098761 A1 20170615; ZA 201803843 B 20191127

DOCDB simple family (application)

**EP 16872661 A 20160902**; AU 2016367876 A 20160902; BR 112018009484 A 20160902; CA 3006489 A 20160902; CN 201680072492 A 20160902; JP 2016075835 W 20160902; JP 2017535464 A 20160902; KR 20187018869 A 20160902; MX 2018007021 A 20160902; MY PI2018702102 A 20160902; TW 105140908 A 20161209; US 201615778893 A 20160902; ZA 201803843 A 20180608